

NIKHIL SHARMA

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github.com/nikhilsharma [Leetcode/NikhilSharma_LC](https://leetcode.com/NikhilSharma_LC) [GeeksforGeeks/nikhilsharmacsgeek](https://GeeksforGeeks.com/nikhilsharmacsgeek)

EXPERIENCE

Tata Consultancy Services, Hyderabad

December 2023 – Present

Systems Engineer (Digital Cadre) - Major Semiconductor Solutions Provider

- Aided Frontend Enhancement using ReactJS, Bootstrap, AntDesign, Tanstack Table, developing API methods, writing logic in Backend, and improvising system performance and UI.
- Created API endpoints, implemented functionalities like adding a drawer with DB and frontend validations using Ant Design and Formik, and handled major UI changes.
- Developed RESTful APIs using Python and Flask, improving application performance by 40%, making existing implementations leaner, and supporting multiple concurrent users.
- Achieved a 25% reduction in loading time by implementing Flask caching, DB connection threading, and session storage.
- Managed deployments with RedHat OpenShift and handled version control using Bitbucket.
- Also worked on Python Data Refresh scripts using Jupyter Notebook, updating Tableau Dashboards, etc
- **Tech Used:** ReactJS, Javascript, jQuery, Flask, Oracle DB, MS SQL Server, Python, HTML, CSS, Bootstrap, Ant Design, Redhat Openshift, etc.

Utkrisht Summer Intern, ACM USICT

July 2022 – August 2022

University Internship and Mentorship Programme

[Project Github Link](#)

- An Idea to Build a platform for student community discussions named UDF-USICT Discuss Forum using MERN stack.
- Incorporated Features like categorizing posts according to different topics, Adding Images, and Comments below on Posts.
- **Tech Used:** ReactJS, MongoDB, ExpressJS, NodeJS, MaterialUI

PROJECTS

You2ube - Youtube Clone | [Project Link](#) | [Github Link](#)

November 2024

- Created a Youtube Clone Using ReactJS, Tailwind, Firebase
- **Tech Used:** ReactJS, Tailwind, HTML, CSS, Javascript, Firebase

BuddyBook - Basic CRUD Application for Storing Professional Contacts | [Project Link](#) | [Github Link](#)

January 2025

- Developed a simple Fullstack Web Application Which can Store and Organize Personal Contacts
- Used the CRUD Operations for Contact Management
- **Tech Used:** ReactJS, ChakraUI, Python Flask, SQLite, HTML, CSS, JS, Render

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, JavaScript, SQL

Front-end Tech: React.js, ReduxToolkit, jQuery, Bootstrap, Tailwind, MaterialUI, Ant Design

Back-end Tech: Flask, Node.js, Express.js, RESTful APIs, Firebase

Databases: MySQL, MongoDB, MS SQL Server, Oracle DB

Core Subjects: Data Structures and Algorithms, Object Oriented Programming Concepts, Operating System, Computer Networks

Tools: Git, Github, Bitbucket, JIRA, Postman, VSCode, React Bundlers, Redhat Openshift, JupyterNotebook, Tableau, GoogleCloudPlatform, Vercel, Render, Agile(Scrum, Kanban)

CERTIFICATIONS

- *React Frontend Developer Certification | One Month Live Class Training by Edureka* | [Certificate Link](#) | Dec 2024
- *AWS Certified Cloud Practitioner | Foundational Cloud Certification by AWS (CLF-C02)* | [Certificate Link](#) | Dec 2024

ACHIEVEMENTS

- Solved around 550+ DSA problems on Leetcode
- Secured 81th Rank in CodeChef Long Challenge Div.3 Oct 2021 Among 20K+ Participants.
- Earned 100+ Labs and 15+ Quests on Qwiklabs (GCP labs).

EDUCATION

University School of Information, Communication and Technology, GGSIPU

August 2019 – June 2023

Bachelor of Technology in Computer Science and Engineering – CGPA 8.8/10.0

Dwarka Sec 16C, Delhi

Rajikya Pratibha Vikas Vidyalaya

April 2018 – March 2019

Class XII CBSE Board – Percentage 86/100

Shalimar Bagh, Delhi